

# Case study 644

## Sykes assist with river bank restructure

One of the south east's leading construction companies recently required some short-term overpumping assistance in order to make repairs to a river bed. This particular river regularly experiences changes in its flow rate - with connecting streams being opened and closed off during the daytime.

Temporary overpumping systems are a critical element in many repair projects, being used to transfer water supplies so that these vital services are uninterrupted during construction.

Sykes Pumps was called in and tasked with providing our client with a pumping solution to handle a high flow overpumping task so they could repair and restructure the river bed walls.

Following a site survey, our specialists provided the client with four 12" Super Silent pumps – chosen specifically because of their low noise levels which significantly reduce noise impact on the local environment. The pumps were also supplied with additional 3 and 4 inch pumps to cope with the high flows that increased in excessive wet weather, to ensure that a full environmental protection capability was in place.

Once commissioned our pump hire package was kept on site for the duration of the project – allowing the construction to advance at a desirable pace and be completed ahead of schedule.



Performance Max head: 38m, Max flow: 90 l/s, Max solid: 52mm  
Weight 1990kg with fuel, 1800kg without fuel  
Dimensions (mm) 2310 x 1250 x 1535  
Noise level @7m = 65 dBA  
Fuel tank capacity 175 litres  
Pipe connections Suction: 6" table D, Discharge: 6" table D, Bauer couplings option  
Fuel consumption Full load @ 1800 rpm: 9.8 litres/hour



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